

## CLAIMS

Claims 1-27 (cancelled)

28. (previously presented) An ultra-wideband pulse receiver, comprising:

two receivers structured to receive an incoming ultra-wideband pulse;

a selector switch structured to selectively receive a signal from either of the two receivers;

a pulse level quantizer structured to receive a signal from the selector switch; and

a digital signal processor structured to receive the signal from the pulse level quantizer;

wherein the digital signal processor compares a signal level received by each of the two receivers, and selects a highest signal level for forwarding to the pulse level quantizer.

Claims 29-34 (cancelled)